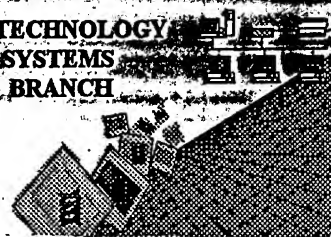


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/085,239
Source: OIPF
Date Processed by STIC: 7/24/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORRED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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OIPE

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/085,239

DATE: 07/24/2002

TIME: 15:43:43

Error on p. 3

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

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3 <110> APPLICANT: University of Sheffield
4   Ward, Simon
5   Bavik, Claes
6   Cork, Michael
7   Tazi-aahnini, Rachid
9 <120> TITLE OF INVENTION: Treatment of Hyperproliferative Diseases
11 <130> FILE REFERENCE: 674569-2001
13 <140> CURRENT APPLICATION NUMBER: 10/085,239
C--> 14 <141> CURRENT FILING DATE: 2002-07-10
16 <160> NUMBER OF SEQ ID NOS: 23
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 17
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
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26 <223> OTHER INFORMATION: Example of retinoic response element found in humans and/or
mice
28 <220> FEATURE:
29 <221> NAME/KEY: misc_feature
30 <222> LOCATION: (7)..(7)
31 <223> OTHER INFORMATION: "n" can be a,t,g, or c
34 <220> FEATURE:
35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (8)..(8)
37 <223> OTHER INFORMATION: "n" can be a,t,g, or c
40 <220> FEATURE:
41 <221> NAME/KEY: misc_feature
42 <222> LOCATION: (9)..(9)
43 <223> OTHER INFORMATION: "n" can be a,t,g, or c
46 <220> FEATURE:
47 <221> NAME/KEY: misc_feature
48 <222> LOCATION: (10)..(10)
49 <223> OTHER INFORMATION: "n" can be a,t,g or c
52 <220> FEATURE:
53 <221> NAME/KEY: misc_feature
54 <222> LOCATION: (11)..(11)
55 <223> OTHER INFORMATION: "n" can be a,t,g, or c
58 <400> SEQUENCE: 1
W--> 59 aggtcannnn naggtca
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 14
64 <212> TYPE: DNA
65 <213> ORGANISM: Unknown

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17

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/085,239

DATE: 07/24/2002

TIME: 15:43:43

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

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67 <220> FEATURE:
68 <223> OTHER INFORMATION: Example of DR-2 retinoic response element found in humans
and/or
69     mice
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (7)..(7)
74 <223> OTHER INFORMATION: "n" can be a,t,g, or c
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (8)..(8)
80 <223> OTHER INFORMATION: "n" can be a,t,g, or c
83 <400> SEQUENCE: 2
W--> 84 aggtcannag gtca                                     14
87 <210> SEQ ID NO: 3
88 <211> LENGTH: 15
89 <212> TYPE: DNA
90 <213> ORGANISM: Unknown
92 <220> FEATURE:
93 <223> OTHER INFORMATION: example of consensus vitamin D response element found in
humans
94     and/or mice
96 <220> FEATURE:
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (7)..(7)
99 <223> OTHER INFORMATION: "n" can be a,t,g or c
102 <220> FEATURE:
103 <221> NAME/KEY: misc_feature
104 <222> LOCATION: (8)..(8)
105 <223> OTHER INFORMATION: "n" can be a,t,g or c
108 <400> SEQUENCE: 3
W--> 109 ggggtganngg gggca                                    15
112 <210> SEQ ID NO: 4
113 <211> LENGTH: 15
114 <212> TYPE: DNA
115 <213> ORGANISM: Unknown
117 <220> FEATURE:
118 <223> OTHER INFORMATION: example of vitamin D response element found in humans and/or
mice
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (7)..(7)
123 <223> OTHER INFORMATION: "n" can be a,t,g, or c
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (8)..(8)
129 <223> OTHER INFORMATION: "n" can be a,t,g, or c
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (9)..(9)
135 <223> OTHER INFORMATION: "n" can be a,t,g, or c
138 <400> SEQUENCE: 4

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/085,239

DATE: 07/24/2002

TIME: 15:43:43

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

W--> 139 aggtcannna ggtca 15

142 <210> SEQ ID NO: 5

143 <211> LENGTH: 13

144 <212> TYPE: DNA

145 <213> ORGANISM: Unknown

147 <220> FEATURE:

148 <223> OTHER INFORMATION: example of Peroxisome Proliferator-Activated Receptor

Response

149 Element found in humans and/or mice

151 <220> FEATURE:

152 <221> NAME/KEY: misc_feature

153 <222> LOCATION: (6)..(6)

154 <223> OTHER INFORMATION: "n" can be a,t,g, or c

157 <400> SEQUENCE: 5

W--> 158 aggtcnaagg tca 13

161 <210> SEQ ID NO: 6

162 <211> LENGTH: 16

163 <212> TYPE: DNA

164 <213> ORGANISM: Unknown

166 <220> FEATURE:

167 <223> OTHER INFORMATION: example of thyroid response element found in humans and/or mice

169 <220> FEATURE:

170 <221> NAME/KEY: misc_feature

171 <222> LOCATION: (7)..(7)

172 <223> OTHER INFORMATION: "n" can be a,t,g or c

175 <220> FEATURE:

176 <221> NAME/KEY: misc_feature

177 <222> LOCATION: (8)..(8)

178 <223> OTHER INFORMATION: "n" can be a,t,g or c

181 <220> FEATURE:

182 <221> NAME/KEY: misc_feature

183 <222> LOCATION: (9)..(9)

184 <223> OTHER INFORMATION: "n" can be a,t,g or c

187 <220> FEATURE:

188 <221> NAME/KEY: misc_feature

189 <222> LOCATION: (10)..(10)

190 <223> OTHER INFORMATION: "n" can be a,t,g or c

193 <400> SEQUENCE: 6

W--> 194 aggtcannnn aggtca 16

197 <210> SEQ ID NO: 7

198 <211> LENGTH: 13

199 <212> TYPE: DNA

200 <213> ORGANISM: chicken

202 <220> FEATURE:

203 <221> NAME/KEY: misc_feature

204 <222> LOCATION: (7)..(7)

205 <223> OTHER INFORMATION: "x" can be a,t,g, or c

208 <400> SEQUENCE: 7

W--> 209 aggtcanagg tca 13

212 <210> SEQ ID NO: 8

*no x in sequence;
2 nucleotide cannot
be designated by x*

RAW SEQUENCE LISTING

DATE: 07/24/2002

PATENT APPLICATION: US/10/085,239

TIME: 15:43:43

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

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213 <211> LENGTH: 9
214 <212> TYPE: DNA
215 <213> ORGANISM: homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (2)..(2)
220 <223> OTHER INFORMATION: "n" can be a,t,g, or c
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (9)..(9)
226 <223> OTHER INFORMATION: "h" can be a, c or t/u
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (7)..(7)
232 <223> OTHER INFORMATION: "h" can be a, c or t/u
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (1)..(1)
238 <223> OTHER INFORMATION: "v" can be a, g or c
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (8)..(8)
244 <223> OTHER INFORMATION: "n" can be a,t,g, or c
247 <400> SEQUENCE: 8
W--> 248 vngatahnh 9
251 <210> SEQ ID NO: 9
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: homo sapiens
256 <400> SEQUENCE: 9
257 gcatcattgc tgaggtaag gc 22
260 <210> SEQ ID NO: 10
261 <211> LENGTH: 18
262 <212> TYPE: DNA
263 <213> ORGANISM: homo sapiens
265 <400> SEQUENCE: 10
266 cgataccaag acctccac 18
269 <210> SEQ ID NO: 11
270 <211> LENGTH: 13
271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Peptide 589 synthesised to mimic the proposed binding
regions of
276 RBP to its receptor
278 <400> SEQUENCE: 11
280 Gly Arg Val Arg Leu Leu Asn Asn Trp Asp Val Cys Ala
281 1 5 10
284 <210> SEQ ID NO: 12
285 <211> LENGTH: 15

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RAW SEQUENCE LISTING

DATE: 07/24/2002

PATENT APPLICATION: US/10/085,239

TIME: 15:43:43

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

286 <212> TYPE: PRT
 287 <213> ORGANISM: Artificial Sequence
 289 <220> FEATURE:
 290 <223> OTHER INFORMATION: Peptide 592 synthesised to mimic the proposed binding
 regions of
 291 RBP to its receptor
 293 <400> SEQUENCE: 12
 295 Met Lys Tyr Trp Gly Val Ala Ser Phe Leu Gln Lys Gly Asn Asp
 296 1 5 10 15
 299 <210> SEQ ID NO: 13
 300 <211> LENGTH: 18
 301 <212> TYPE: DNA
 302 <213> ORGANISM: Artificial Sequence
 304 <220> FEATURE:
 305 <223> OTHER INFORMATION: Primer sense 726-743 used ot make probe against K10
 307 <400> SEQUENCE: 13
 308 tggaggctga catcaacg 18
 311 <210> SEQ ID NO: 14
 312 <211> LENGTH: 22
 313 <212> TYPE: DNA
 314 <213> ORGANISM: Artificial Sequence
 316 <220> FEATURE:
 317 <223> OTHER INFORMATION: Primer antisense 1257-1278 used to make probe against K10
 319 <400> SEQUENCE: 14
 320 tattcagtat tctggcactc gg 22
 323 <210> SEQ ID NO: 15
 324 <211> LENGTH: 22
 325 <212> TYPE: DNA
 326 <213> ORGANISM: Artificial Sequence
 328 <220> FEATURE:
 329 <223> OTHER INFORMATION: Primer sense 195-217 used to make probe against K10
 331 <400> SEQUENCE: 15
 332 caggtggcta tggaggatta gg 22
 335 <210> SEQ ID NO: 16
 336 <211> LENGTH: 22
 337 <212> TYPE: DNA
 338 <213> ORGANISM: Artificial Sequence
 340 <220> FEATURE:
 341 <223> OTHER INFORMATION: Primer antisense 687-708 used to make probe against K10
 343 <400> SEQUENCE: 16
 344 acctcattct catacttcag cc 22
 347 <210> SEQ ID NO: 17
 348 <211> LENGTH: 22
 349 <212> TYPE: DNA
 350 <213> ORGANISM: Artificial Sequence
 352 <220> FEATURE:
 353 <223> OTHER INFORMATION: Primer sense 1046-1067 used to make probe against K1
 355 <400> SEQUENCE: 17
 356 gcatcattgc tgaggtcaag gc 22
 359 <210> SEQ ID NO: 18

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/085,239

DATE: 07/24/2002

TIME: 15:43:44

Input Set : A:\00076461.txt

Output Set: N:\CRF3\07242002\J085239.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8